

IN THE CLAIMS:

1-11. (canceled)

12. (currently amended) A process for obtaining the additives ~~according to claims 1-11~~
for hydrogenated resins, comprising the following steps:

1) reacting the following components:

- a) bifunctional perfluoropolyethers having a -COOR end group optionally in admixture with monofunctional perfluoropolyethers having -COOR end group, wherein R = H, C₁-C₁₀ alkyl, the number average molecular weight of bifunctional and monofunctional perfluoropolyethers being in the range of 500 - 5,000;
- b) mono, bi or polyfunctional hydrogenated monomers having functional aminic groups;
- c) polyolefins having functional groups, said polyolefin formed by C₂ - C₄ monomers, said functional groups being obtained by grafting with maleic anhydride;

wherein in a first step a) is reacted with b), or a) is reacted with mixtures of monomers b) having a different functionality, until disappearance of the -COOR group of component a), and in a second step reacting the product obtained from the reaction of a) with b) with the functionalized polyolefins c).

~~1) synthesis of the compound a) + b) by reaction of the functionalized perfluoropolyether component a), optionally formed by a mixture of a bifunctional and monofunctional perfluoropolyether, with the hydrogenated monomer component b), by heating under stirring at a temperature in the range 90°-100°C, and subsequently at~~

~~100°-130°C under vacuum (1 mmHg) to complete the reaction, i.e. until in the IR spectrum the band at 1800 cm⁻¹ of the COOR group linked to CF₂ disappears;~~

~~— 2) addition, under stirring, in the same reactor, of the functionalized polyolefin component c), preferably functionalized with maleic anhydride, and reaction of the mixture by heating at atmospheric pressure for 30-60 minutes at a temperature in the range 180°C-190°C.~~

13. (previously presented) A process according to claim 12, wherein the molar ratio between the functional groups of b) and of a) is in the range 1-1.5, and the amount of b) is such to give rise in the reaction to the disappearance of the -COOR groups of a).

14. (currently amended) A process according to ~~claims 12-13~~ claim 12, wherein to a compound obtained in the first step fluorinated additives component d) are added.

15. (currently amended) A process according to ~~claims 12-14~~ claim 12, wherein in the second step the ratio between the functional groups of the compound obtained by reaction of a) with b) and the functional groups of the functionalized polyolefin ranges from 10 to 0.1 by moles.

16. (currently amended) A method of preparing a hydrogenated resin, comprising utilizing ~~Use of the additives according to claims 1-14~~ claim 12, as additives for hydrogenated resins.

17. (currently amended) Masterbatches comprising the additives of ~~claims 1-11~~ claim 12 and hydrogenated resins.

18. (original) Masterbatches according to claim 17, wherein the additive concentration is in the range of 1-50% by weight.

19. (currently amended) Manufactured articles obtainable by mixing the masterbatches according to ~~claims 17-18~~ claim 17 with hydrogenated resins.

20. (new) A process according to claim 12, wherein the first step is conducted by heating under stirring at a temperature in the range 90°-100°C, and subsequently at 100°-130°C under vacuum (1 mmHg) to complete the reaction, at which time an IR spectrum band at 1800 cm⁻¹ of the COOR group linked to -CF₂- disappears; and the second step is conducted by adding c) under stirring, in the same reactor, and reacting the product obtained from the reaction of a) with b) with c) by heating at atmospheric pressure for 30-60 minutes at a temperature in the range 180°C to 190°C.

21. (new) A process according to claim 20, wherein the molar ratio between the functional groups of b) and of a) is in the range 1-1.5, and the amount of b) is such to give rise in the reaction to the disappearance of the -COOR groups of a).

22. (new) A process according to claim 20, wherein to the compound obtained in the first step fluorinated additives component d) are added.

23. (new) A process according to claim 20, wherein in the second step the ratio between the functional groups of the compound obtained by reaction of a) with b) and the functional groups of the functionalized polyolefin ranges from 10 to 0.1 by moles.

24. (new) A method of preparing a hydrogenated resin, comprising utilizing the additives according to claim 20, as additives for hydrogenated resins.

25. (new) Masterbatches comprising the additives of claim 20 and hydrogenated resins.

26. (new) A process according to claim 20, wherein the functionalized polyolefin component c) is functionalized with maleic anhydride.

27. (new) A process according to claim 20, wherein the number average molecular weight of bifunctional and monofunctional perfluoropolyethers being in the range of 900 - 3,000.

28. (new) A process according to claim 20, wherein said functional groups of said mono, bi or polyfunctional hydrogenated monomers are capable of reacting with the -COOR end groups of the compound a).

29. (new) A process according to claim 20, wherein said functional groups of said polyolefins of c) are capable of reacting with block oligomer/polymer obtained by reaction of a) with b).